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optical detector means for detecting each of reflected beams of light generated by the radiation of each of said light spots;

signal generating means for generating each of push-pull signals in accordance with each of detection signals outputted from the optical detector means when said pickup moves along the direction of arrangement of said information recording tracks and said guide tracks; and

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recording track or said guide track.

2. The information write device according to claim 1, wherein said optical system means comprises:

a grating for diffracting beams of light emitted from a light source; and

a prism for generating said at least two light spots by refracting at least two diffracted beams of light (diffracted by said grating) at a predetermined angle of refraction, and for radiating said information recording track with one of said at least two light spots and, at the same time, for radiating a portion displaced from the center of said information recording track or said guide track with the other light spot.

3. The information write device according to claim 2, wherein angles of incidence of said at least two diffracted beams of light emitted from said grating to be incident on said prism are different from each other.

4. The information write device according to any one of claims 1 to 3, further comprising determination means for determining a positional relationship between said pickup and a target position in accordance with said contrast signal immediately before said pickup reaches at least said target position when said pickup is allowed to move to the target position along

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said direction of arrangement.

5. The information write device according to any one of claims

1 to ³~~4~~, further comprising:

amplifier means for adding and amplifying, with a predetermined amplification factor, push-pull signals corresponding to remaining light spots except for a push-pull signal corresponding to one of said at least two light spots; and

subtractor means for performing subtraction between the signal amplified by said amplifier means and the push-pull signal corresponding to the one of said at least two light spots,

wherein the signal generated by said subtractor means is employed as a tracking error signal to perform tracking servo control on said pickup.

6. The information write device according to ^{any one of Claims 1 to 3}~~claim 5~~, wherein said amplification factor is set to a ratio K/n , in which K is a ratio of intensity of a remaining light spot to intensity of said one light spot, n is the number of said remaining light spots.

7. The information write device according to any one of claims 1 to ³~~4~~, wherein the total number of said light spots is three.

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12. The information read device according to any one of claims 8 to ¹⁰~~11~~, further comprising:

amplifier means for adding and amplifying, with a predetermined amplification factor, push-pull signals corresponding to remaining light spots except for a push-pull signal corresponding to one of said at least two light spots; and

subtractor means for performing subtraction between the signal amplified by said amplifier means and the push-pull signal corresponding to the one of said at least two light spots,

wherein the signal generated by said subtractor means is employed as a tracking error signal to perform tracking servo control on said pickup.

any one of Claims 8 to 10
13. The information read device according to ~~claim 12~~¹, wherein said amplification factor is set to a ratio K/n , in which K is a ratio of intensity of a remaining light spot to intensity of said one light spot, n is the number of said remaining light spots.

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14. The information read device according to any one of claims 8 to ¹⁰~~12~~, wherein the total number of said light spots is three.